

In re Patent Application of:
OCKENFUSS ET AL.
Serial No. 10/785,384
Filed: 02/23/2004



AMENDMENTS TO THE SPECIFICATION

Please replace paragraphs [0001] and [0031] as filed, with the following amended paragraphs, respectively.

[0001] This patent application is being concurrently filed with U.S. Patent Application Serial No. [[_____]] 10/785,589, entitled ANTI-ALIASING OPTICAL FILTER FOR IMAGE SENSORS, by Anthony D. McGettigan and Georg Ockenfuss (Attorney Docket No. OC0409US), the disclosure of which is hereby incorporated in its entirety for all purposes.

[0031] In an alternative embodiment, the first layer (i.e. the first layer that is deposited on the substrate) is a silver layer. For example, referring to Fig. 1A, dielectric layer 20 is omitted and metal layer 44 layer 28 is deposited on the substrate 29, typically without, but alternatively with, an intervening corrosion suppression layer 44. Good spectral performance is obtained, and coating time is reduced compared to the embodiment shown in Fig. 1A.

Please add new paragraphs [0028.1] and [0058.1] after originally filed paragraphs [0028] and [0058], respectively.

[0028.1] Fig. 6 is a simplified cross section of an IR blocking filter according to an embodiment of the present invention wherein the second corrosion suppressing layer is deposited in two portions.

[0058.1] Fig. 6 is a simplified cross section of an IR blocking filter according to an embodiment of the present invention wherein the second corrosion suppressing layer is

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deposited in two portions. The IR filter 610 is similar to the IR filter 10 discussed with reference to Fig. 1A, with the exception that the corrosion suppressing layers 30, 34, 38, and 42 are shown to include the two portions, namely, a metal portion and a metal oxide portion. More specifically, corrosion suppressing layer 30 has been replaced with a metal portion 630a and an oxide portion 630b, corrosion suppressing layer 34 has been replaced with a metal portion 634a and an oxide portion 634b, corrosion suppressing layer 38 has been replaced with a metal portion 638a and an oxide portion 638b, and corrosion suppressing layer 42 has been replaced with a metal portion 642a and an oxide portion 642b.